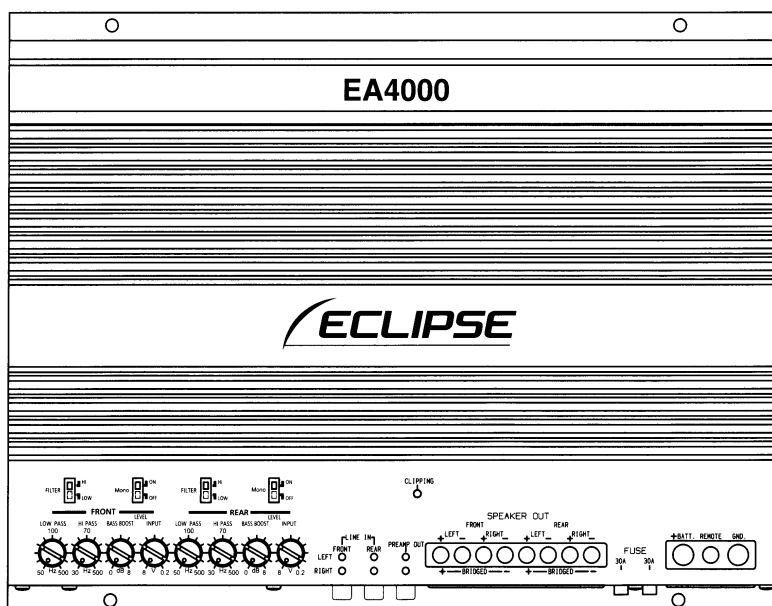
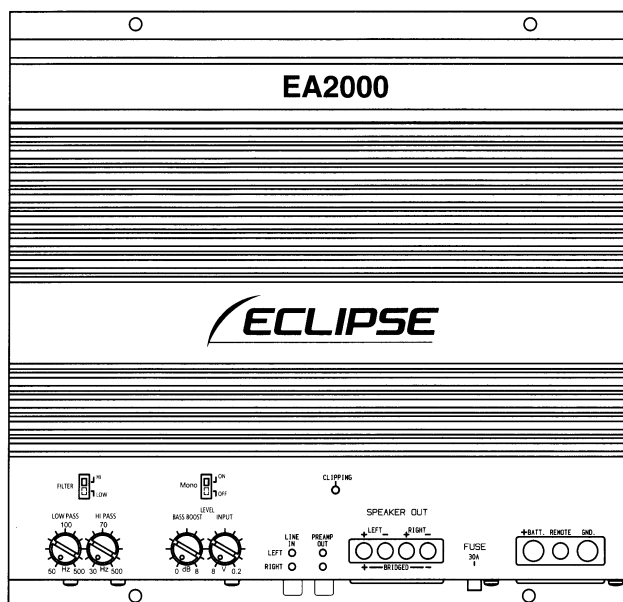




## EA2000/EA4000 Owner's Manual

### 2 / 4 Channel Integrated Series Power Amplifier



Thank you for purchasing the EA2000(2 channel) / EA4000(4 Channel) Intergrated Series Power Amplifier. Please read this Owner's Manual before use. Be sure to read the Safety information section. Keep this Owner's Manual together with the Warranty information in a safe place for later reference.

# Table of contents

For your safety in using the EA Series Amplifiers .....	3
About Your Amplifier .....	4
Installation Requirements .....	5
Power Amplifier Adjustments and Tuning .....	6
Names and Functions of Terminals .....	9
Basic System Connection.....	10
AVN Connection Examples .....	11
Head Unit Connection Examples .....	12
Troubleshooting.....	13
Specifications.....	16

# For your safety in using the EA Series Amplifier

Warnings and caution signs, illustrated below, are posted throughout this manual as well as on the EA2000/EA4000. They show safe and correct ways to handle the product to prevent personal injury to you and others and to avoid damage to property.

Before reading through the manual, take time to read through and learn the important information listed in this section.



## Warning

This sign indicates a situation in which incorrect handling through disregard of a sign might result in death or serious personal injury.



## Caution

This sign indicates a situation in which incorrect handling through disregard of a sign might result in personal injury or may result solely in damage to property.



## Warning

- This equipment requires 12V DC and should only be installed in a vehicle with a 12V negative ground electrical system. Any other installation may cause a fire or other severe damage to the equipment and the vehicle.
- Do not disassemble or alter this equipment. Accidents, fires or shocks may result.
- Do not let water or foreign objects enter the internal parts of this equipment. Smoke, fires or shocks may result.
- Do not use when it is broken. Accidents, fires or shocks may result.
- Always replace fuses with fuses of identical capacity and characteristics. Never use a higher rated fuse than the original. Using the wrong type of fuse may cause a fire or severe damage.
- If foreign objects or water enters the equipment, smoke comes out, or there is a strange odor, stop using it immediately, and contact your dealer. Accidents, fires, or shocks may result if you continue to use it in these conditions.
- Plastic bags and wrappings may cause suffocation and death. Keep away from babies and children. Never put bag over your head or mouth.



## Caution

- When changing the installation location for this equipment, please consult the dealer where you bought it for safety reasons. Expertise is necessary for removal and installation.
- Keep volume to a reasonable level so that you can hear sounds from outside the vehicle, including warning sounds, voices, and sirens. Failure to do so may cause an accident.
- Do not touch the heat dissipating part of the amplifier. Burns may result from the heat of this part.
- Do not use this equipment except for in-vehicle use. Shocks or injuries may result.
- Be careful of the volume position when turning the power source ON. Hearing damage may result if very loud noise is emitted when the power is turned ON.
- Do not operate under abnormal conditions such as when the sound is distorted or cuts out. Fires may result.
- If placed in direct sunlight, metal parts may heat, resulting in the possibility of burns.
- If the equipment is dropped or the case is broken, turn off the power to the main unit and contact your dealer. If used in this condition, fires or shocks may result.

# About Your Amplifier

*Your Eclipse Power Amplifier was Designed and Engineered in the USA for the best in performance with the best components possible. In order to optimize the best performance of your system, we recommend a professional installation by an authorized Eclipse Dealer.*

**Power Supply:** All Eclipse Amplifiers incorporate Powerful MOSFET Switching Power Supplies for added reliability and powerful Music Reproduction.

**Audio Amplifiers:** The Eclipse Integrated Series use Symmetrical Analog Preamplifiers with Linear Bi Polar Power Stages for Musically Accurate Audio Reproduction.

**Speaker Connectors:** Flush Mounted Speaker Connectors allow Clean Installation with less risk of shorted wires. The speaker connectors will allow up to 10 Gauge wire interface.

**Power Connectors:** Eclipse Flush Mounted Power Connectors will accommodate up to 4 Gauge wire for optimum power with very little Voltage Drop. As with the speaker connectors they provide less opportunity for shorted conditions.

**Fuse:** Eclipse Power Amplifiers use ATC fuses. Do not replace blown fuses with fuses of a higher current rating. This Amplifier requires maximum two 30 Amp fuses. (One 30 Amp fuse for EA2000 and two 30 Amp fuses for EA4000)

**Eclipse Power On Indicator:** When the Power Amplifier is powered on the Eclipse Brand Logo will be Lighted.

**Clipping Indicators:** Each Amplifier has a clipping indicator LED located near the input gain control. When the amplifier is clipping this indicator will light. This indicator will help you to adjust the input gain for optimum performance.

# Installation Requirements

**Before You Start:** Congratulations on your purchase of this Eclipse Power Amplifier.

The proper installation and system integration of this Power Amplifier will bring the optimum conditions for high performance and a long trouble free life for your Mobile Audio System.

Please pay attention to the Installation hints listed in this section for the best results.

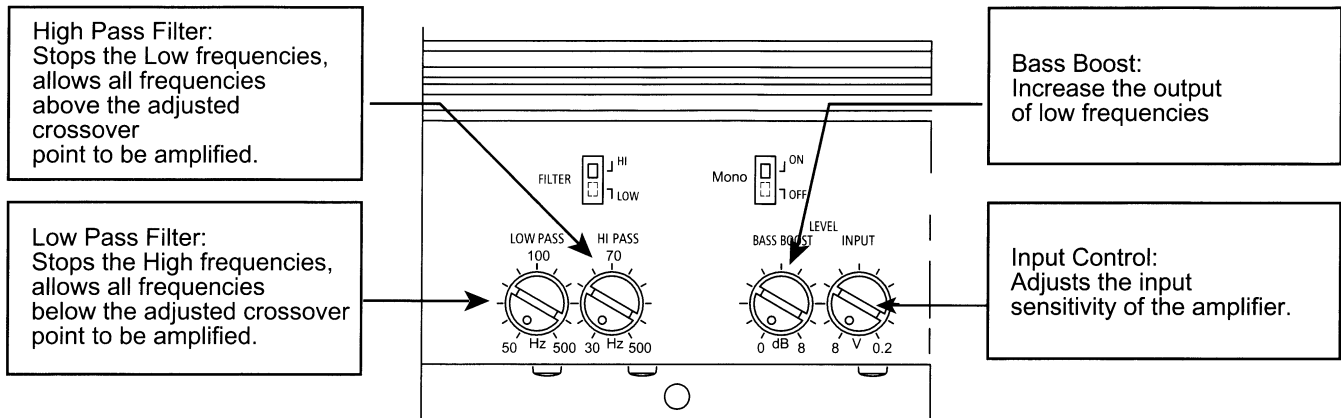
**1. Amplifier Location:** Avoid Areas that may have excessive Moisture, and Heat such as the Engine Compartment, or tire wells that are prone to flooding. Never mount Power Amplifiers under Carpet creating a "Dead Air" condition, as overheating will result. Flat surfaces will prevent potential damage to the Heat Sinks and Bottom Cover. Always check to make sure the Power Amplifier is not mounted on top of the Antenna Cable

**2. Power Connections:** B+ Connections: The Power connectors will accept wire as large as 4 AWG. For the best performance and lowest voltage drop the B+ wire should be as large as possible, and connected directly to the positive terminal of the Car's Battery. It is recommended that a fuse, a fusible link or a breaker be installed near the battery to protect the Car's electrical system in case a short should occur between the battery and the Power Amplifier.

Ground Connections: The ground wire will carry the same current as the B+ wire so it should be at least the same size. The ground wire does not have to run all of the way to the Negative Battery terminal, because the Car Chassis in most cases is the same ground as the negative battery terminal. A good ground screwed or bolted to the chassis where the paint has been carefully removed and conductive grease applied will provide a lasting reliable connection. (In some cases the car's chassis may have bad ground connections between the Battery and the Amplifier location.) If the positive wire is good good between the Amps and the battery and a large volt drop occurs, it may be necessary to run a good ground from the Amplifier(s) to the Negative Battery Terminal.

**3. Wiring:** Cleanly dressed wiring will last longer and have less chances for noise coupling and possible damage from materials transported in compartments. Always install wires in a clean organized fashion away from moving components, or body parts that may cut, bind, or wear through the insulation. Be careful to route wires away from sheet metal screws that may cause intermittent shorts once the car begins to move. Try to keep signal cables away from the power harness and the electrical harness for the Car Electronics. Use Rubber Grommets where wiring breaks through the sheet metal as in the engine compartment firewall or rear trunk sheet metal partition.

# Power Amplifier Adjustments and Tuning



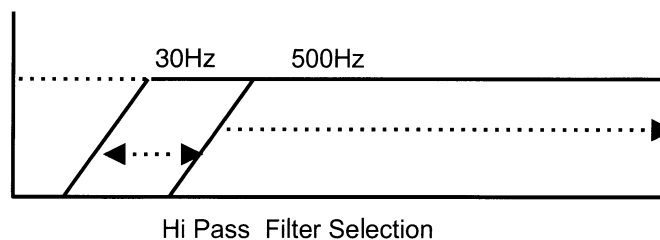
Adjusting and Tuning is a critical step in optimizing the performance and balance of both the Power Amps and the Speakers in your Audio System. Careful attention to tuning will provide the best sound and a longer life for all of the components.

**1. Input Controls:** Knowing the output Voltage from the Source Unit will allow you to set the Input Controls before physically installing the Amp in the car. If the Source Unit output Voltage Specification is 4 Volts, start by setting the gain controls to about 5 Volts before installing the Amplifier.

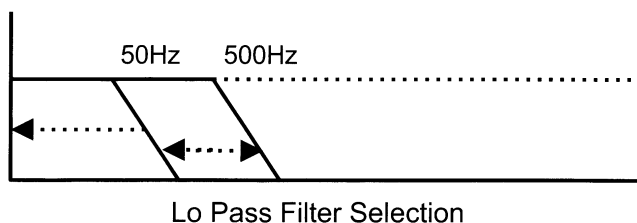
**2. Mono Switch:** The Mono switch is in the OFF Position when the Amplifier is used in Stereo. The Mono Switch will be in the ON Position when the Amplifier is in the Mono Mode.

**3. Crossover Points:** The Crossover Points will be adjusted before installing the Amplifier. The Crossover Frequency is selected based on the speaker size, system configuration, and the amount of power applied to each speaker. The smaller diameter speakers will typically be crossed over at higher frequencies than larger diameter speakers will be. Smaller diameter speakers with less power applied can be crossed over at a lower frequency.

**High Pass Filter:** The high pass filter is continuously variable between 30Hz and 500Hz, and typically applied to front and rear Satellite Speakers.



**Low Pass Filter:** The low pass filter is continuously variable between 50Hz and 500Hz, and typically applied to Mid Bass and Subwoofers.



**4. System Power Up: Initial Tuning:** Once the system is turned on and it is verified that all channels are functional, you may load your choice of Media to set the system levels with. Media with a good level, or lots of energy including drums, bass, voice etc is advisable. The gain controls should be adjusted with the tone controls set to flat position and the balance and fader in the center positions on the source unit. If a Sub Woofer level control is used with this system set it to about 1/2 or 50% of its rotation. Turn the source unit up all of the way. If the amp channels are clipping, back down the gain controls at each input on the amplifier. Once you can play the source unit at full power you can adjust each channel at the amplifier until the clip light is on during the peaks. This adjustment is subjective and can be done by observing the peak indicators on the amp as well as listening for what you determine is a safe level of audible clipping from the speakers. The Bass Boost control can now be adjusted. The Bass Boost will increase the electrical low frequency output of the system as much as 8 dB at 45Hz. Make sure that the bass speaker or speakers can handle the power without damage.

Also check to make sure that the Bass or Sub woofer output of the Amplifier is not greatly overdriven. Adjust the Front ...Rear balance so the image is optimum with the Front / Rear fader in the center position. Understanding the type of Media that will be played back on this system is important for this setup. If the end user will play back low dynamic range classical material, you may wish to set the gains higher. If the end user plays back extremely high dynamic range high energy material, set the system up so that there is a reasonable amount of protection against abuse to the components. This will guarantee a longer life for the Speakers in the system.

This initial tuning may be done by ear and in many cases is good enough. However different types of Media should now be played back to critique the sound performance and determine if further tuning is necessary.

**5. Bass Boost Control:** The Bass boost control will boost the Low Frequency at 45Hz. The boost control has a Range from 0dB of boost to +8dB of Boost. Caution should be taken when adjusting this control to prevent overdriving the Woofer or Overdriving the Amplifier or both. The Clipping indicator is a good guide to use when setting the boost level.

**6. Detailed Tuning:** For the best overall results it is highly recommended that fine tuning of your Audio System should be done by an Authorized Eclipse Dealer. After initial setup has been done it may be necessary to deal with Acoustic problems that so frequently occur in Mobile Audio Systems, or particular preferences and requirements of the end user. The detailed tuning procedures required at this point often require the use of an Acoustic Realtime Analyzer.

If you are connecting your Power Amplifiers to an Eclipse Source Unit with the E-iSERV feature, the real-time Analyzer will be built into the Source Unit.

(See details in your Eclipse Head unit Owner's Manual)

## ***Quick Set Up Process***

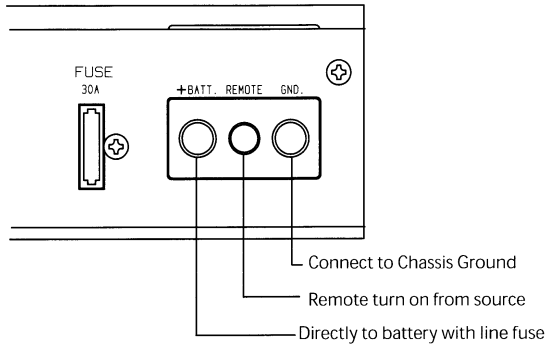
- 1. Set Crossover Points before installing the Amplifier based on Speaker Size and System Configuration.**
- 2. Turn the Gain Controls down before installing the Amplifier.**
- 3. Turn the Bass Boost Control down, before installing the Amplifier.**
- 4. Test the speaker wires to guarantee there are no shorts to the Car Body before connecting to the Amplifier.**
- 5. Connect the B+ Power , Power Ground and Remote wires to the Amplifier.**
- 6. Connect the Speaker Wires to the Amplifier.**
- 7. Connect the RCA Cables to the RCA inputs on the Amplifier.**
- 8. Turn the Source Unit on and Turn the Volume down.**
- 9. Load the Source Unit with your Set-Up Media.**
- 10. Turn the Volume up to Maximum at the Source Unit.**
- 11. Adjust the Gain Controls on the Amplifier one channel at a time so the Peak Indicators on the Amplifier are just on during peaks. Listen for acceptable levels of distortion.**
- 12. Adjust the Input Gains on the Amplifiers so the Front-Rear and Left-Right Balance sounds correct.**
- 13. Depending on the sound, you may wish to make small adjustments to the crossover points.**
- 14. If Bass Boost is necessary now is the time to make adjustments.**
- 15. Listen to several different songs and make final adjustments by ear.**
- 16. If Equalization is applied a Real Time Analyzer will be useful now.**
- 17. RTA the System and look for Peaks and Dips which should be Tuned Out.**
- 18. Make final Adjustments with the Bass Boost Control or with the E-iSERV Process or both.**



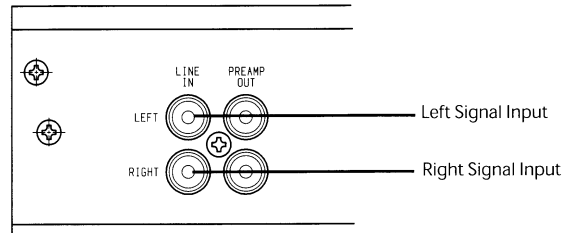
# Names and Functions of Terminals

## EA2000

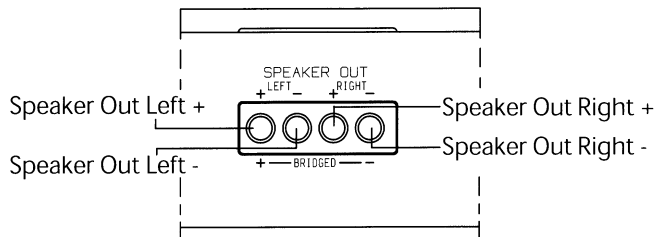
Power Connections



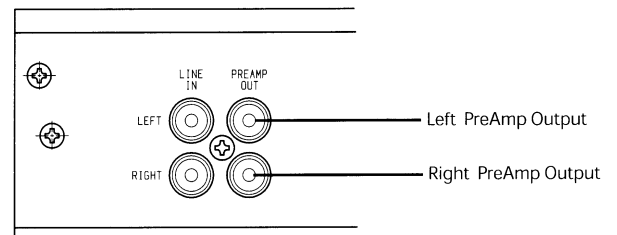
Signal Input Connections



Speaker Connections

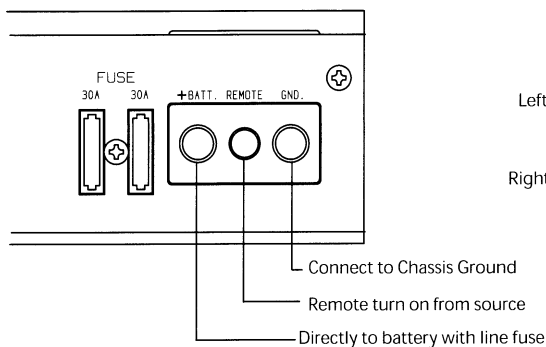


PreAmp Output Connections

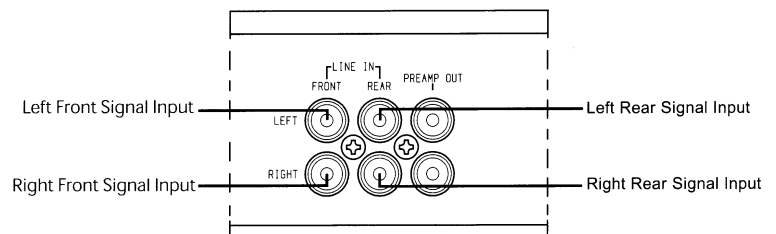


## EA4000

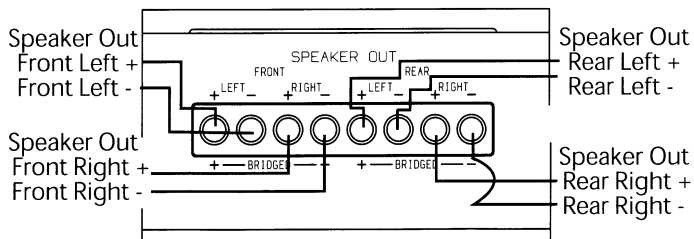
Power Connections



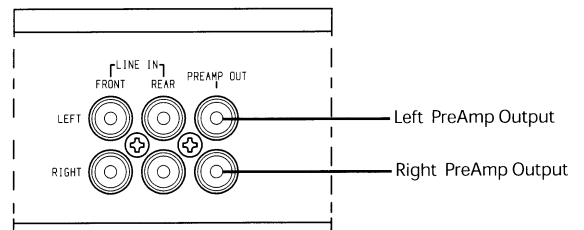
Signal Input Connections



Speaker Connections

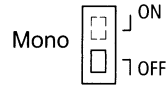


PreAmp Output Connections

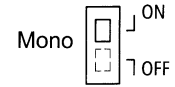
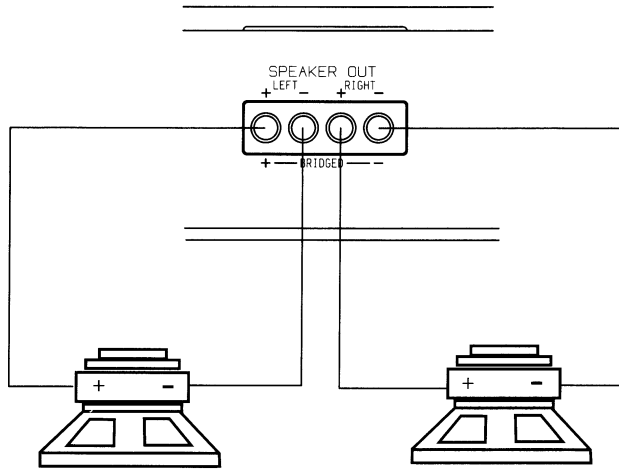


# Basic System Connection

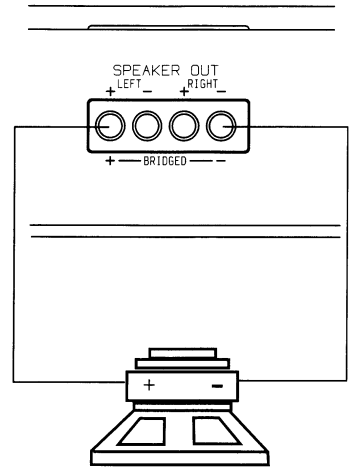
## EA2000



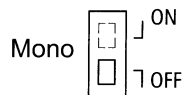
Speaker Connections 2 Channel



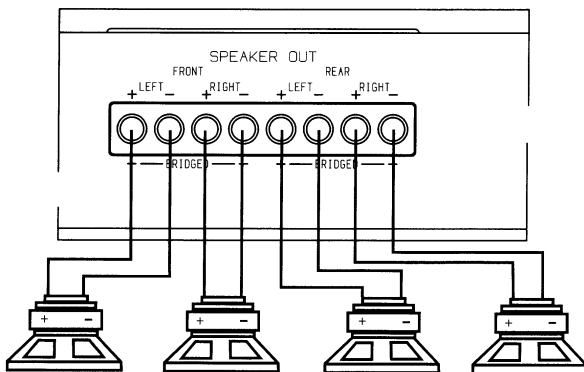
Speaker Connections Bridged



Front / Rear



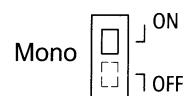
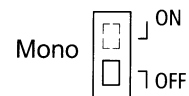
Speaker Connections 4 Channel



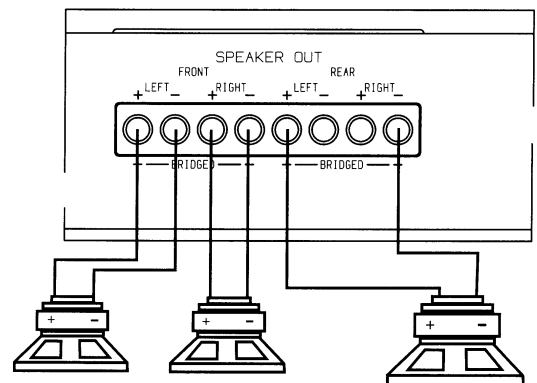
## EA4000

Front

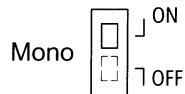
Rear



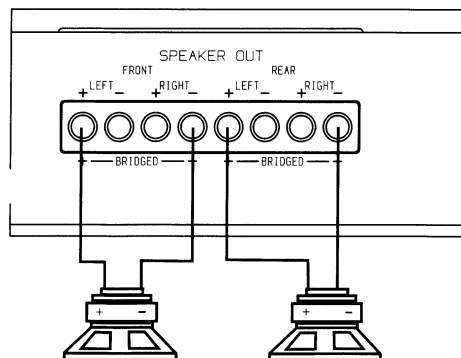
Speaker Connections 3 Channel



Front / Rear

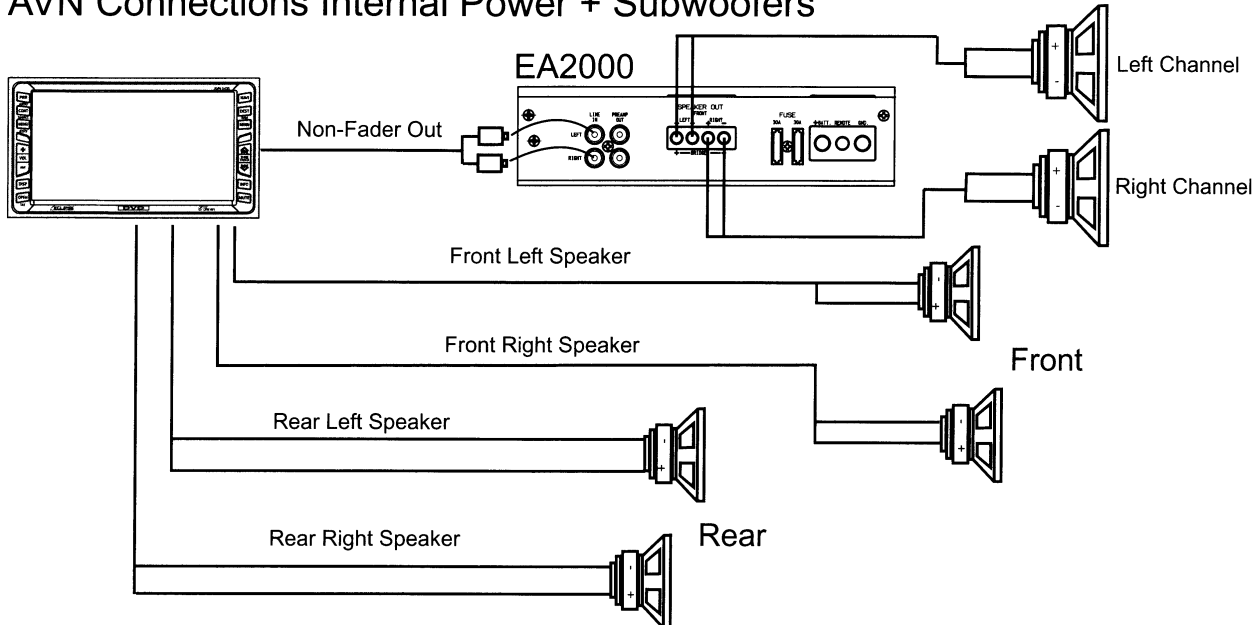


Speaker Connections Bridged

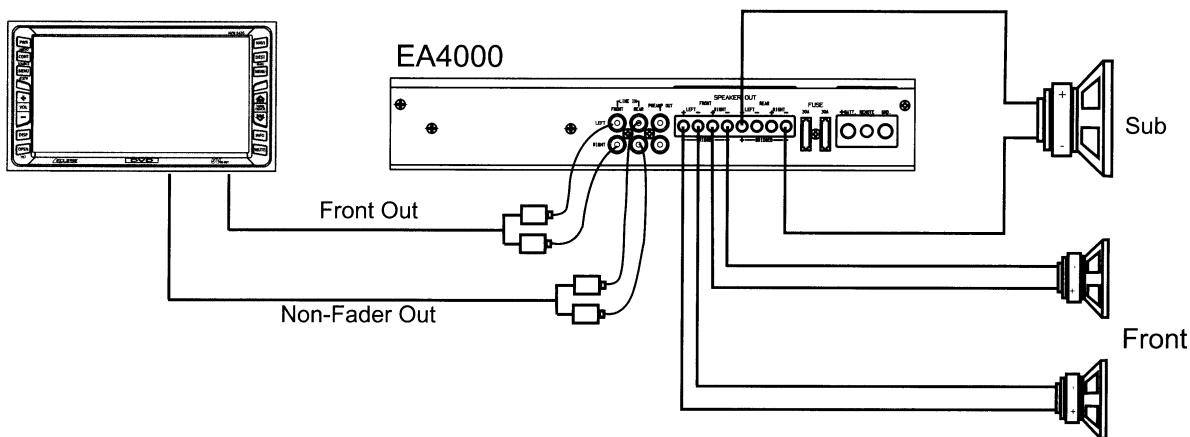


## AVN Connection Examples

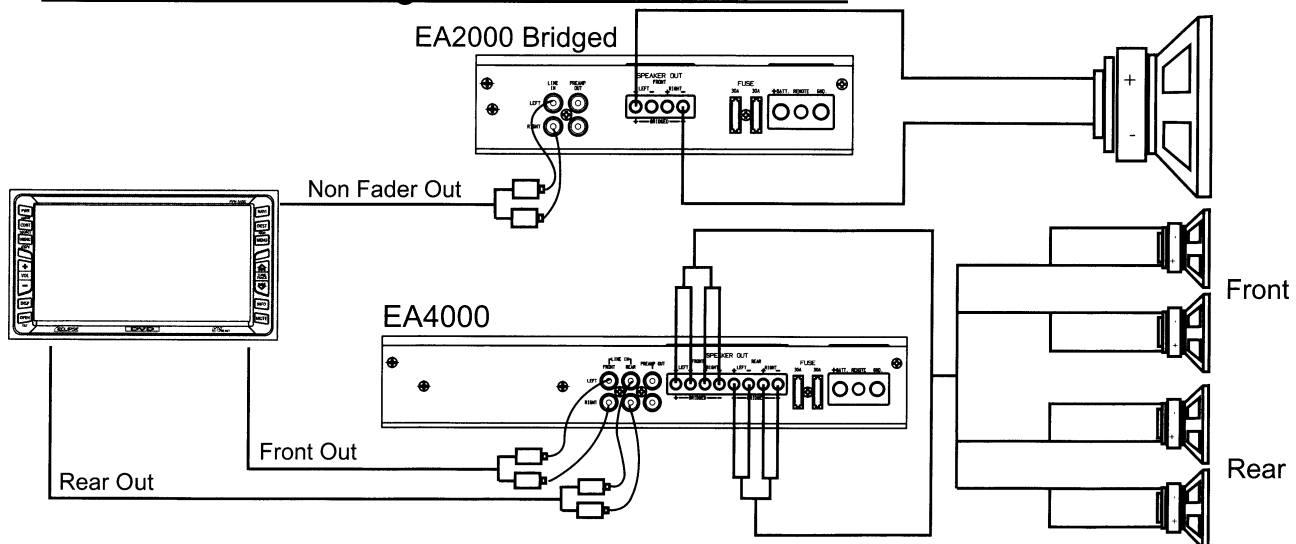
## AVN Connections Internal Power + Subwoofers



## AVN Connections EA4000 example of 3 channel install

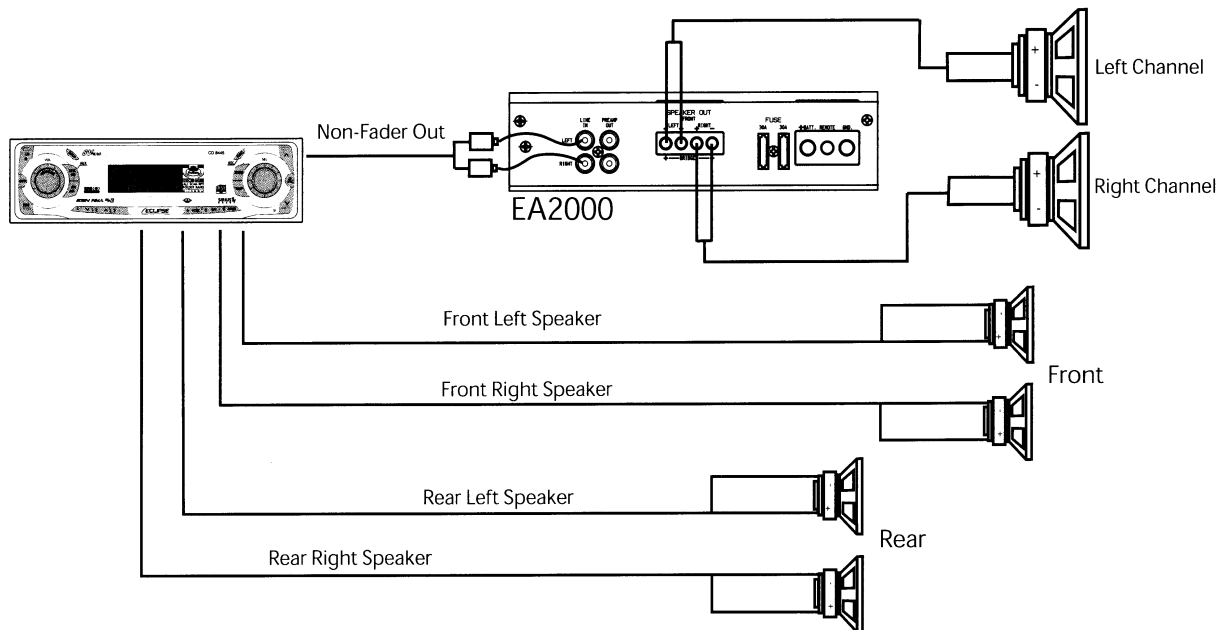


## AVN connection using the EA2000 and EA4000

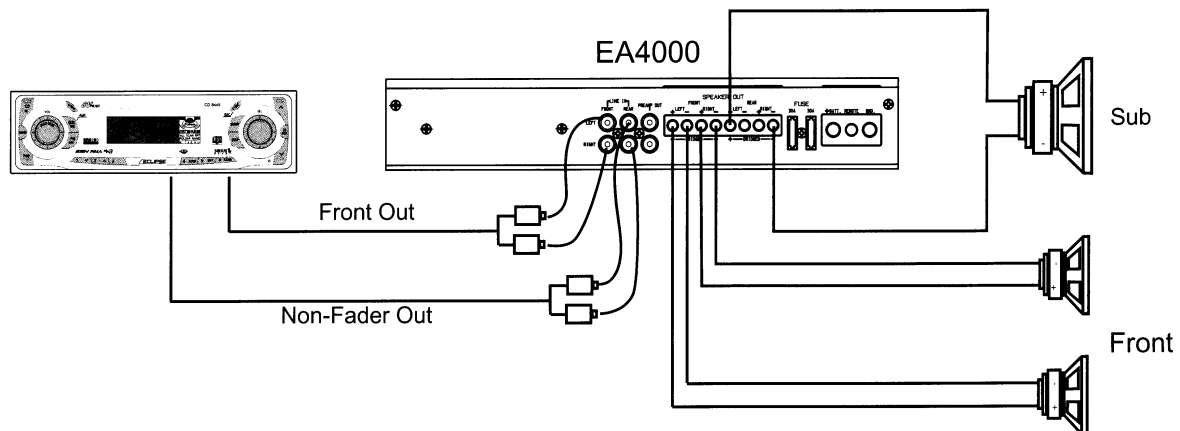


# Head Unit Connection Examples

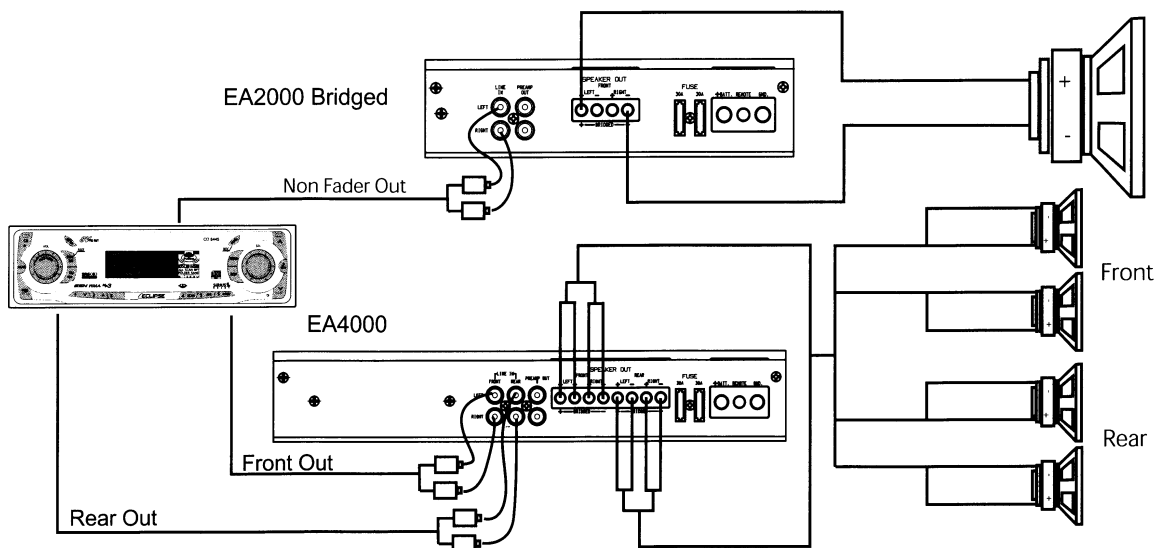
## Head Unit Connections Internal Power + Subwoofers



## AVN Connections EA4000 example of 3 channel install



## Head Unit connection using the EA2000 and EA4000



# Troubleshooting

*If a problem occurs after your system is installed, please refer to this troubleshooting section for solutions. If after carefully following these instructions you still have a problem, please contact Eclipse Technical Support at 1-800-233-2216*

Problem	Possible Cause	Possible Solution
1. Amp won't power on	No fuse installed in the amplifier or fuse is blown	Install fuse.
	Battery B+ not Powered on	<u>Check for 12V at Amp B+ Terminal :</u> Make sure B+ Cable is connected to the Battery.
	Ground Cable is not connected	<u>Check for 12V between B+ amp connector and Amp Ground Connector:</u> Make sure ground Cable is connected to both amp and vehicle Ground.
	Remote line in is not powering on	<u>After turning the Source on, measure for voltage Between amp pwr gnd and remote terminal</u> Make sure the remote wire is connected to the correct remote output from the source unit. check connections and power at source unit.
2. Amp Blows Fuses	Power Cables in Reverse Polarity	<u>Make sure B+ and Pwr GND cables are connected to the correct terminals:</u> Connect correctly.
	Wrong size fuse installed in amplifier	<u>Make sure fuse size is correct:</u> Check spec Sheet ( back of this book ) for correct size.
3. Amp is on but no sound from one or more channels	RCA cables not connected	<u>Make sure RCA cables are connected on both ends:</u> Make connections.
	Defective RCA Cable	<u>Test RCA Cable for Signal:</u> Replace if necessary.
	Speaker wires not connected	<u>Make sure speaker wires are connected on both ends:</u> Make connections.
	Speaker wires connected to wrong terminals	<u>Make sure speaker wires are connected to the correct terminals.</u>
	Input Gain Controls turned down	<u>Make sure gains are adjusted to source unit.</u>
4. Amplifier goes into protect mode	one or more speakers is shorted	<u>Make sure there are no speaker shorts with the amplifier turned off:</u> Disconnect speaker from amp and test for a short across the Speaker. Test for a short between the speaker and chassis or body of the car.  <u>With the speakers connected and amp turned off:</u> Test for a short between the amplifier output and the chassis or body of the car.

Problem	Possible Cause	Possible Solution
5. Amp has engine noise	Speaker ground is shorted to car body	<u>Test for negative speaker speaker short:</u> Make sure negative speaker lead is not shorted to vehicle chassis or body.
	Outer barrel of RCA connector is shorting to the Amplifier chassis	<u>With amp off, disconnect RCA Cables And test for the impedance between the Barrel of the RCA and the amp power ground.</u> If no negative speaker lead short, the impedance is nearly shorted (low resistance). Call Eclipse Technical support.
6. Distorted Output	Amplifier gain is too high	Turn amplifier gain down so clipping LED turns on during peaks, or level is just below audible distortion.
	Too much input signal	<u>Source unit output level is more than 8 Volts RMS:</u> Reduce gain at Source Unit.
	Damaged Speaker	<u>Check Speaker with alternative Source:</u> Replace Speaker.
	Source Unit output is distorted	<u>Test Source Unit with alternate system like a Display or function verification unit.</u> Replace Source Unit.
7. Unit Turns on and off	Speaker is shorted	<u>Test for shorted speaker:</u> Remove short from speaker, or replace shorted Speaker.
	Poor connection to Power wires or Poor Battery connection	<u>Test connections at B+ cable and Power Ground:</u> Repair Power Cable connections.
8. Poor Bass Output	Gain Control for Subwoofer is too low	<u>Check Source Unit settings and Input Gain Control:</u> Adjust gain control on Source Unit or at amplifier input.
	Crossover is set up incorrectly	<u>Check crossover frequency settings:</u> Adjust Crossover.
	Subwoofer is wired out of phase	<u>Check subwoofer wiring and phase:</u> Correct wiring of subwoofer to be in phase.
	Acoustical misalignment of subwoofer	<u>Check to be sure the box is not too small for the Subwoofer operating parameters</u> Correct box size.
	Tone Controls on Source Set Incorrectly	<u>Check to make sure the tone controls are set to a flat position and not to cut position:</u> Set tone controls to flat or by pass position.

Problem	Possible Cause	Possible Solution
9. Speaker pops when unit is turned on or off	<p>Source unit may be sending pop noise to amplifier</p> <p>Possible ground loop noise</p> <p>DC offset at amplifier output</p>	<p><u>Disconnect RCA inputs then turn source unit on and off:</u> If pop noise is gone try a different Source Unit.</p> <p><u>Check to make sure grounds are correct so No ground loops can exist:</u> If a poor ground exists correct the grounding.</p> <p><u>Measure the amount of DC voltage across the speaker connectors at the output of the Amplifier:</u> If the DC offset voltage at the amplifier output is greater than 70mV it will cause a turn on sound. Change the amplifier.</p>
10. Bass Boost Distorted	Input gain set too high or remote sub level control is turned all the way up	<p><u>Check gain settings:</u> Readjust gain settings with remote sub control at center position.</p>
11. Amp runs hot	<p>Inadequate ventilation</p> <p>Load impedance is too low</p>	<p><u>Make sure unit has proper ventilation:</u> <u>Check load impedance against the specifications:</u> Connect the proper load impedance.</p>
12. Amp won't shut off	Remote on wire is staying high or at 12V	<p><u>Measure voltage between Remote on terminal and the power ground terminal:</u> If the voltage is high disconnect the Source Unit and see if the amp shuts off. If it does try a different source unit.</p>

# Specifications

## **Power Output:** *RMS Power at 14.4 Volt Power Supply @ < .1% THD*

EA2000		
4 $\Omega$	@ 20 Hz to 20 KHz Stereo	60W X 2
4 $\Omega$	@ 20 Hz to 20 KHz Bridged	175W X 1
4 $\Omega$	@ 20 Hz to 20 KHz Stereo ( CEA 2006 ) <1% THD	
EA4000		
4 $\Omega$	@ 20 Hz to 20 KHz Stereo	75W X 4
4 $\Omega$	@ 20 Hz to 20 KHz Bridged	150W X 2
4 $\Omega$	@ 20 Hz to 20 KHz Stereo ( CEA 2006 ) <1% THD	

## **Max Power Output:** *Peak Music Power at 14.4 Volt Power Supply*

EA2000		
4 $\Omega$	Stereo @ 1 KHz	90W X 2
4 $\Omega$	Bridged @ 1 KHz	225W X 1
EA4000		
4 $\Omega$	Stereo @ 1 KHz	100W X 4
4 $\Omega$	Bridged @ 1 KHz	175W X 2

**Input Sensitivity** 200mV ... 8V

**High Pass Frequency Selection** *Variable* 30 Hz ... 500 Hz

**Low Pass Frequency Selection** *Variable* 50 Hz ... 500 Hz

**Bass Boost** 0 - 8dB @ 45 Hz

**Subsonic Filter** 18dB / octave @ 20 Hz

**Signal to Noise ( CEA 2006 )** > 100 dB

**Frequency Response** 20Hz ~ 20KHz +0, - .5 dB

**Channel Separation** < 70 dB

**Damping Factor** EIA / IHF > 50 dB

**Quiescent Current ( Idle Current )**  $\approx$  1 Amp

**Maximum Current** EA2000 30Amps  
EA4000 60Amps

**Amp Protect Temperature ( Heat Sink )** 90 C









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## CUSTOMER NOTICE

Please retain this booklet and write in the serial number of your new Amplifier for identification.  
The serial number is labeled or stamped on the chassis.

Serial No.

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### FUJITSU TEN LIMITED

Contact: FUJITSU TEN CORP.OF AMERICA  
19600 So. Vermont Avenue, Torrance, CA 90502  
800 - 233 - 2216

**[www.eclipse-web.com](http://www.eclipse-web.com)**

"ECLIPSE" is a registered trademark of  
FUJITSU TEN LIMITED in 48 countries  
including the U.S. and Japan.

090003-28500700 0503(CN,K)



# IMPORTANT

SHOULD YOU HAVE ANY QUESTIONS,  
call: **1-800-233-2216**



FUJITSU TEN CORP. OF AMERICA  
19600 S. Vermont Avenue, Torrance, CA 90502

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PLACE  
FIRST-CLASS  
STAMP  
HERE

FUJITSU TEN CORP. OF AMERICA  
Warranty Registration  
19600 S. Vermont Avenue  
Torrance, CA 90502

## ECLIPSE LIMITED WARRANTY

Eclipse (a division of Fujitsu Ten Corp. of America) hereby warrants your Eclipse product to be free from defects in material and workmanship for a period of one year from the original date of purchase. This warranty applies only to the original consumer-purchaser (this warranty is not transferable), and only when this product is originally purchased from an authorized Eclipse retailer in the United States or Canada.

For a period of one year from the date of original purchase, in the unlikely event that your Eclipse unit should fail, Eclipse shall, under this warranty, repair or replace with a like model any unit which is defective in material or workmanship, if returned to an authorized Eclipse retailer, transportation prepaid. Eclipse shall either repair or replace, at its sole discretion, the Eclipse product at no charge to the original purchaser during the warranty period. Service work must be performed by an authorized Eclipse service department or retailer in order for the owner to receive the benefits of this warranty.

Eclipse shall not refund, nor be responsible for, any expenses paid or incurred by the owner under this warranty.

THERE ARE NO WARRANTIES, WHICH EXTEND BEYOND THE DESCRIPTION ON THE FACE HEREOF.

### EXCLUSIONS FROM ECLIPSE'S LIMITED WARRANTY

This warranty shall not cover

1. Elimination of car static, motor noise, or other electrical interference, correction of problems resulting from the antenna system, CD's, MD's, tape cartridges and/or audio cables, etc.
2. Any defects in the opinion of Eclipse, caused by abuse, misuse, accident (including any damages caused by acts of God such as flood, lightning, or fluctuation in electrical power), liquid damage or damage caused by attempted theft or negligent use. Failure to perform reasonable and necessary maintenance, improper installation (such as insufficient grounding), improper installation of other components, modification or service by non-authorized Eclipse Service Department, use of component parts not approved by Eclipse. Damage caused in transit or in handling, or when the model's serial number has been removed, altered or defaced.
3. Cosmetic damage, accessories (such as magazines or remotes) or problems or damage caused by the application or use of defective media.
4. Normal wear, tear, battery replacement and any periodic maintenance.
5. Does not cover removal and reinstallation of product.

THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES, STATEMENTS OR REPRESENTATIONS, AND UNLESS STATED HEREIN, ALL SUCH WARRANTIES, STATEMENTS OR REPRESENTATIONS MADE BY ANY PERSON OR FIRM ARE VOID. ALL IMPLIED WARRANTIES IN CONNECTION WITH THIS SALE INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR USE ARE HEREBY MODIFIED TO EXIST ONLY AS CONTAINED IN THIS LIMITED WARRANTY, AND SHALL BE OF THE SAME DURATION AS THE WARRANTY PERIOD STATED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

IN THE EVENT THAT YOUR ECLIPSE PRODUCT SHALL PROVE DEFECTIVE IN WORKMANSHIP OR MATERIALS, YOUR SOLE REMEDY SHALL BE THE REPAIR OR REPLACEMENT REMEDY AS STATED IN THIS WARRANTY, AND UNDER NO CIRCUMSTANCES SHALL ECLIPSE BE LIABLE FOR ANY LOSS OR DAMAGE, WHETHER DIRECT, INCIDENTAL OR CONSEQUENTIAL, ARISING OUT OF THE USE OF OR INABILITY TO USE, THIS ECLIPSE PRODUCT. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

TO OBTAIN WARRANTY SERVICE YOU MUST GO BACK TO AN AUTHORIZED ECLIPSE RETAILER WITHIN THE WARRANTY PERIOD. YOUR PROOF OF PURCHASE, SUCH AS A BILL OF SALE OR RECEIPTED INVOICE THAT INDICATES THAT THE UNIT IS WITHIN THE WARRANTY PERIOD, MUST BE PRESENTED TO OBTAIN WARRANTY SERVICE. YOU WILL BE RESPONSIBLE FOR SHIPPING CHARGES TO ECLIPSE. ECLIPSE WILL REPAIR THE DEFECTIVE UNIT OR REPLACE IT, AT ITS SOLE DISCRETION, WITH A LIKE MODEL, WITHOUT CHARGE IF ALL WARRANTY CONDITIONS ARE MET. ECLIPSE WILL COVER SHIPPING CHARGES TO RETURN THE UNIT TO YOU.



EA2000

ZE

Please detach here before mailing.

090000-01270700 0503MT(N)



Model Number:



EA2000

ZE

**Please print or type the information listed below and mail.**

Serial Number:

Retailer's Name: \_\_\_\_\_

Street: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Date of Purchase: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_  
Month Day Year

Car Make: \_\_\_\_\_ Car Model: \_\_\_\_\_ Year: \_\_\_\_\_

☐ Mr. ☐ Mrs. ☐ Ms. ☐ Miss  
First Name Initial Last Name

Owner's Name: \_\_\_\_\_

Street: \_\_\_\_\_ Unit No. \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone Number: \_\_\_\_\_ - \_\_\_\_\_ Password: \_\_\_\_\_

Installer: \_\_\_\_\_ Install Date: \_\_\_\_\_ - \_\_\_\_\_ - \_\_\_\_\_  
Month Day Year

Owner's E-mail Address: \_\_\_\_\_

Comments: \_\_\_\_\_

We will be sending you a questionnaire to assist us in developing new products for you.

Which method is most convenient? ☐ E-mail ☐ Mail

Thank You.